Sheet

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

<u>| of | 5</u>

Col	mplete if Known
Application Number	10/646.675
Filing Date	
First Named Inventor	August 22, 2003 Peter T. O'Heeron
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	122182.000.21

U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Name of Patentee or Examine Cite **Document Number Publication Date** MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant No. Initials* Figures Appear Number-Kind Code² (F tnown) US- 5.441,041 Sauer ^{US-} 5,817,061 Goodwin US-4,112,932 09/12/1978 Chiulli US-4,635,773 08/20/1985 Yoon US- 4,929,235 05/29/1990 Merry et al US- 4,601,710 07/22/1986 Moll US- B1 4,601,710 05/05/1998 Moll US-4,654,030 03/34/1987 Moti, et al ^{US-} 4,902,280 02/20/1990> Lander US- 4,931,042 06/05/1890 Holmes, et al US- 5,030,206 07/09/1991 Lander ^{US-} 5,104,382 Brinkerhoff, et al 04/14/1992 US- 5,114,407 05/19/1992 Burbank US- 5,197,955 03/30/1993 Stephens et al US-5,209,727 Ritchart, et al 05/11/1993 US- 5,256,147 10/26/1993 Vidal, et al 5,275,583 Crainich 01/04/1994 ^{US-} 5,308,336 05/03/1994 Hart, et al ^{US-} 5,312,354 05/17/1994 Allen, et al

		FORE	GN PATENT DOCU	MENTS		
Examiner Cite Initials* No.1	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Nind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T
						L
						┡
·	├—					┡
	 					┢
	<u> </u>			ļ	<u> </u>	Ļ
	1		j		i	l

Examiner Signature	Man 7.20	Date Considered	1/7/05	
THE PARTY OF THE P				

"EXAMINER: Initial if reference considered, whether or not citation is thronformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patient Documents at www.uspto.gov or MPEP 901.04. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. "Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTOISB/08A (08-03)

Approved for use through 07/31/2006. OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPART MENT OF COMMERCE os collection of information unless it contains a valid OMB control

Substitute for form 1449/PTO	Application Number 10/646.675		
INFORMATION DISCLOSURE	Filing Date	August 22, 2003	
	First Named Inventor	Pefer T. O'Heeron	
STATEMENT BY APPLICANT	Art Unit	Not Assigned	
(Use as many sheets as necessary)	Examiner Name	Not Assigned	
nect 2 of 5	Attorney Docket Number	122182.00021	

Examiner Initials	Cite No.1	Document Number Number-Kind Code ² (Fizzont)	Publication Date MM-DD-YYYY	1	Name of Patentee or plicant of Cited Document	Pages, Columns, Lines, Who Relevant Passages or Relev Figures Appear	
		^{US-} 5,342,315	08/30/1994	Rowe e	t al		_
		DS-5,350,364	09/27/1994	Stephe	ns et al		_
		US- 5,350,393	09/27/1994	Yoon			
		US- 5,385,553	01/31/1995	Hart, et	al		_
		US- 5,405,328	04/11/1995	Vidal, e	t al		_
		US- 5,407,433	94/18/1995	Looma	5		_
		US- 5,411,515	05/02/1995	Harber,	etal		
		^{US-} 5,411,635	07/11/1995	Yoon			_
		^{US-} 5,512,053	04/30/1996	Pearso	n et al ·		_
		US- 5,538,509	07/23/1996	Dunlap			
		^{US-} 5,549,564	08/27/1996	Yoon			_
		^{US-} 5,551,947	09/03/1996	Kaali			_
		US- 5,554,137	09/10/1996	Young,	et al		_
		US-5,554,167	09/10/1996	Young,	et al		_
		US- 5,569,289	10/29/1996 Yoon				
-		US- 5,584,850	12/17/1996	Hart, et	al		
		5,591,190	01/07/1997	Yoon			
		^{US-} 5,607,440	03/04/1997	Danks, et al			
		^{US-} 5,609,604	03/11/1997	Schwei	mberger, et al		
			FOREIGN PATE	NT DOCU	MENTS		_
Examiner Initials*	Cite No.1	Foreign Patent Document	Pt	rblication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code ³ Number ⁴ Nind Code ⁵ (#	known) MM-	MM-DD-YYYY		Or Relevant Figures Appear	1
							F
							ł
	 					 	t
							t
							Ī
Examiner	T				Date		_

Signature

*EXAMINER: Initial if Telerence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not'in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached. Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete If Known Substitute for form 1449/PTO **Application Number** 10/646,675 Filing Date August 22, 2003 INFORMATION DISCLOSURE First Named Inventor Peter T. O'Heeron STATEMENT BY APPLICANT Art Unit Not Assigned Not Assigned (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number 122182.00021

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (* **********************************	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,628,732	05/13/1997	Antoon, Jr. et al	
_		^{US-} 5,645,076	07/08/1997	Yoon	
		^{US-} 5,645,556	07/08/1997	Yoan	
		⁰⁹ -5,669,885	09/23/1997	Smith	
		US- 5,674,184	10/07/1997	Hassler, Jr.	
		US- 5,674,237	10/07/1997	Ott	
· · · · · · · · · · · · · · · · · · ·		US- 5,685,820	11/11/1997	Riek, et al	
		US- 5,697,947	12/16/1997	Wolf, et al	
		US- 5,720,761	02/24/1998	Kaali	
		US- 5,792,113	08/11/1998	Rramer et al	
		US- 5,752,938	05/19/1998	Flatland, et al	
		US- 5,797,944	08/25/1998	Nobles, et al	
-		US- 5,810,863	09/22/1998	Wolf, et al	
		US- 5,827,228	10/27/1998	Rowe	
		US- 5,989;224	11/23/1999	Exline, et al	
		US-6,551,282	04/22/2003	Exline et al	
	/	^{US-} 6,280,417	08/28/2001	O'Heeron	
		^{US-} 6,238,407	5/29/2001	O'Heeron	
	Ì	US- 5,810,863	09/22/1998	O'Heeron	

		FORE	GN PATENT DOCU	MENTS		
Examiner Cite Initials* No.1		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
-		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T,
						L
	† —					П
	<u> </u>					
						Г
	 					F

Date Considered Signature

"EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English tanguage

Translation is effection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTOS8/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPART MENT OF COMMERCE

Sı	Substitute for form 1449/PTO		Coi	mplete If Known
-			Application Number	10/646,675
1	NEODMAT	ION DISCLOSURE	Filing Date	August 22, 2003
_			First Named Inventor	August 22, 2003 Peter T. O'Heeron
		IT BY APPLICANT	Art Unit	Not Assigned
	(Use as many sheets as necessary)		Examiner Name	Not Assigned
Shee	1 4	of 5	Attorney Docket Number	122182.00021

F	~	B	U. S. PATEN	T	Name of Patentee or	Dance Columns Lines 145	_
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f thousa)}	Publication Date MM-DD-YYYY	Арі	Name of Patentee or plicant of Cited Document	Pages, Columns, Lines, Whe Relevant Passages or Relevant Figures Appear	re ant
$\overline{}$		^{US-} 5,697,947	12/16/1997	O'Heer	on		
		^{US-} 6,099,544	08/08/2000	O'Heer	on		_
		US- 6,544,277	04/08/2003	O'Heer	no		
		^{US-} 6,340,358	01/22/2002	O'Heer	on /		
		US-6,783,516 B2	08/31/2004	O'Heer	on		
		US-					_
		US-					
		US-					
		US-					
		US-					_
		US-					
		US-					_
		US-					
		US-					
		US-					
		U\$-		1			
		N8.		1			
		US-		1			_
		US-		1			
			FOREIGN PATI	NT DOCU	MENTS		_
Examiner Initials*	Cite No.1	Foreign Patent Document	Po	rblication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
THURS .		Country Code ³ "Number ⁴ "Kind Code ⁵ (# /	known) MM-	DD-YYYY	Applicant of Orica Boosinicia	Or Relevant Figures Appear	1
							ſ
							L
							L
				_			L

EXAMINER: Initial irreference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant, 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.usgro.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/088 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. OEPARTMENT OF COMMERCE
b a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO	Complete If Known		
Substitute for form 14432-10	Application Number	10/646,675	
INFORMATION DISCLOSURE	Filing Date	August 22, 2003	
STATEMENT BY APPLICANT	First Named Inventor	Peter T. O'Heeron	
(Use as many sheets as necessary)	Art Unit	Not Assigned	
(Use as many aneets as necessary)	Examiner Name	Not Assigned	
Sheet \$5 of 5	Attorney Docket Number	122182.000:21	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		CORE Dynamics, Inc. "Disposable Trocar and Resuable Automatic Valve Cannula System" Entree 1991.	
		Marlow Surgical Technologies, Inc. Hasson SAC TM Stable Access Cannula TM offers maximum stability for advanced laparoscopic procedures"	
	3		
			<u> </u>
		·	

Examiner		07/0	Date	//
Signature	Men	91. de	Considered	1/7/05
EXAMINER H	nitial if reference consider	ed whether or not citation is in	conformance with MPEP 609. Draw line through o	itation if not in conformance and not

[&]quot;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw tine through criation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of Information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.